

Berberis sp. (Berberidaceae), 54269. **Barberry**. From Ecuador. Collected by Mr. Wilson Popenoe, agricultural explorer. "(No. 622. Hacienda La Esperanza, near El Angel, Province of Carchi.) 'Espino.' Plants collected at an altitude of about 11,500 feet. This is one of the handsomest of the wild barberries which I have seen in Ecuador. It makes an arborescent shrub up to 10 or 12 feet high, and has large, glossy, stiff, dark green leaves. The orange-yellow flowers, are produced in clusters about 3 inches long, and half an inch broad. They are followed by oval, blue-black fruits. The species is worthy of a trial as an ornamental." (Popenoe.)

Dioscorea latifolia (Dioscoreaceae), 53925. **Acom yam**. From Buenos Aires, Argentina. Tubers presented by Mr. D. S. Bullock, agricultural trade commissioner, U. S. Department of Agriculture, American Embassy. "'Papa de Aire en Parral' (climbing air-potato)." (Bullock.)

"A yam which produces its crop of edible tubers along the vine, in the axils of the leaves, instead of underground. According to Mr. I. H. Burkill, it is of African origin and is called **Acom**. Mr. Burkill states that it is very closely allied to *Dioscorea bulbifera*. The vine is round stemmed and the leaves heart shaped. The variety is not a very strong grower. The tubers are angular, brownish gray, thin but tough skinned, and in form resemble the liver of fowl - whence arises the name 'turkey-liver yam' by which the variety is known in some parts of Brazil. The tubers weigh from a fraction of an ounce to as much as a pound each, depending upon age and the condition of growth; they keep exceedingly well. The quality of the tubers is fair when they are properly prepared for the table. The cooked tubers are rather firm, but mealy. Boiled in the skin, the yellowish flesh is of unpleasantly strong flavor, but when the tubers are pared, cut into pieces, and boiled, the objectionable quality is removed. The boiled yam is also very good when slightly fried." (R. A. Young.)

For previous introduction see S.P.I. No. 51426, Plant Immigrants No. 176, December, 1920, p. 1619.

Persea americana (Lauraceae), 54270-54272, 54276. **Avocado**. From Ibarra, Ecuador. Budwood collected by